

IMA COMMISSION ON GEM MATERIALS

Reporter: Margherita Superchi

Officers: Chairman Dr Margherita SUPERCHI
Vice Chairman Dr Lin SUTHERLAND
Secretary Dr Takeshi MIYATA

Overall objectives of the Commission

Main goal of the Commission is to produce a "Glossary of Gem Materials" that should contain correct names to be used in different Countries, taking into account problems related to new natural materials, new treatments and new synthetics, considering nomenclatures already under discussion and problems related to different Commercial Groups, existing rules/norms and Country Laws. For all those reasons this is not an easy task but, being involved in all those systems, we can offer practical suggestions.

Members of the Commission

| | |
|----------------|--|
| AUSTRALIA | Dr Bill BIRCH |
| AUSTRIA | Dr Vera M.F. HAMMER |
| BRAZIL | Prof dr Pedro JUCHEM |
| BULGARIA | Dr Ruslan I. KOSTOV |
| CANADA | Dr Lee A. GROAT |
| CROATIA | Dr Goran KNIEWALD |
| CZECH REPUBLIC | Dr Petra BURDOVA |
| DENMARK | Dr Peter C. TOFT |
| EGYPT | Prof dr Abdel Aziz Abdel Kader HUSSEIN |
| FINLAND | Dr Leeni VILPAS |
| FRANCE | Dr Emmanuel FRITSCH |
| GERMANY | Prof dr Wolfgang HOFMEISTER |
| ITALY | Dr Elena GAMBINI |
| MEXICO | Prof Mikhael OSTROUMOV |
| NETHERLANDS | Dr Charles E.S. ARPS FGA |
| NEW ZEALAND | Dr Peter J. OLIVER |
| POLAND | Prof. Dr Wieslaw HEFLIK |
| PORTUGAL | Dr Rui GALOPIM DE CARVALHO |
| ROMANIA | Prof dr Corina IONESCU |
| RUSSIA | Dr Tatiana V. POSSOUKOVA |
| SOUTH AFRICA | Dr R.D. DIXON |
| SPAIN | Prof dr Carlos de la FUENTE |
| SWEDEN | Mr Erik JONSSON |
| SWITZERLAND | Prof dr Henry A. HAENNI FGA |
| UNITED KINGDOM | Dr Roger R. HARDING |
| USA | Ph. D. James E. SHIGLEY |

Main activities in 2005

International Short Course on Fluid Inclusions in Gemstones held in Siena (Italy) on 4th and 5th July 2005 in connection with the XVIII Symposium of ECROFI (European Current Research on Fluid Inclusions). Teaching and organization of the course (with practical sessions on special samples) was held by Margherita Superchi (Chairman of CGM), Elena Gambini (Italian representative in CGM) and Jacques Touret (from Belgium).

Chief problems

There are Official Members that do not reply to our messages and that never contact Officers. Mineralogical Societies should check the activity of their representatives and in case renew the nomination.

Some Countries which are members of IMA do not indicate any representative.

There are Countries which are not members of IMA but that have specialists that could give good contributions to the activities of the Commission: in those cases the specialists receive an invitation to take part to meetings and activities.

Activities planned for 2006

3rd Asian-Oceania Geosciences Meeting, in Singapore, July 2006, for a Session on Asian Lithosphere: Gem materials-from diamonds to pearls, convened by CGM(IMA) member Dr Wolfgang Hofmeister, University of Mainz, Germany.

Discussions, using e-mails, about the draft for the "Glossary of Gem Materials" and connected items.

Session number 32 titled "Natural and Artificial Gem Materials" during IMA 2006 in Kobe.

Two meetings of the Commission during IMA 2006 in Kobe

Presentation of the Final Draft of the Glossary of Gem Materials to the Mineralogical Community